

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 5, line 6, with the following amended paragraph:

constructing a data base from a differentiation curve of a near-infrared spectrum chart obtained using a plurality of production products that had been judged by conventional chemical analysis to be rated products, by calculating standard deviations and the average intensity of the standard samples (standard average intensity) in respect of each of the wave length lengths selected from the spectrum included in the said analysis range at a constant interval,

Please replace the paragraph beginning on page 5, line 20, with the following amended paragraph:

comparing, when the absorbance spectrum includes wave length(s) at which the analysis deviation of the absorbance spectrum of the analysis sample is outside a tolerance limit determined based on the standard deviation, the wave length showing the analysis deviation of the absorbance ~~spectrum~~ outside the tolerance limit with production information given preliminarily in the data base in order to find out ~~what the control factor is to thereby obtain control data and~~ one or more control factors responsive to the analysis deviation of absorbance of the analysis sample,

Please add the following new paragraph after the paragraph beginning on page 5, line 20:

estimating control data for reclaiming the production process based on the one or more control factors, and

Please replace the paragraph beginning on page 5, line 28, with the following amended paragraph:

~~performing the control~~ controlling the production process so as to obtain production product within the tolerance limit by inputting the said control data to the production process step.